IN THE CLAIMS:

Please amend the claims as follows:

Claim 1 (Original): A deuteron generating target comprising:

a base film mainly composed of a halogen-containing organic compound; and

an upper film provided on said base film and mainly composed of a deuterated organic compound.

Claim 2 (Original): A deuteron generating target comprising a porous base film mainly composed of halogen-containing organic compound,

wherein a deuterated organic compound is impregnated in at least part of said porous base film.

Claim 3 (Currently Amended): A deuteron generating target according to claim 1 ~~or claim 2~~, wherein said halogen-containing organic compound is fluorine-substituted hydrocarbon.

Claim 4 (Currently Amended): A deuteron generating target apparatus comprising:

a deuteron generating target according to claim 1 ~~any one of claims 1 to 3~~;

a holder holding said deuteron generating target on a predetermined surface;

a laser source irradiating said deuteron generating target with a laser beam to a predetermined area of said deuteron generating target; and

a driving mechanism moving said deuteron generating target on said predetermined surface so as to change a relative position of the laser beam-irradiated area on said deuteron generating target with respect to said laser source.

Claim 5 (New): A deuteron generating target according to claim 2, wherein said halogen containing organic compound is fluorine-substituted hydrocarbon.

Claim 6 (New): A deuteron generating target apparatus comprising:

a deuteron generating target according to claim 2;

a holder holding said deuteron generating target on a predetermined surface;

a laser source irradiating said deuteron generating target with a laser beam to a predetermined area of said deuteron generating target; and

a driving mechanism moving said deuteron generating target on said predetermined surface so as to change a relative position of the laser beam irradiated area on said deuteron generating target with respect to said laser source.